UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/521,558	01/19/2005	Kennichiro Hotokeishi	122465	2356

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EXAMINER
DICKER, DENNIS T

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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

PTOL-90A (Rev. 04/07)

		Application No.	Applicant(s)
		10/521,558	HOTOKEISHI, KENNICHIRO
Office Action Summary		Examiner	Art Unit	
		Dennis Dicker	2625	

-- *The MAILING DATE of this communication appears on the cover sheet with the correspondence address --*

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *3* MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.
- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☒ Responsive to communication(s) filed on *19 January 2005*.

2a)☐ This action is **FINAL**.   2b)☒ This action is non-final.

3)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4)☒ Claim(s) *1-15* is/are pending in the application.

    4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☒ Claim(s) *1-15* is/are rejected.

7)☐ Claim(s) _____ is/are objected to.

8)☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9)☐ The specification is objected to by the Examiner.

10)☒ The drawing(s) filed on *19 January 2005* is/are: a)☒ accepted or b)☐ objected to by the Examiner.

    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12)☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

    a)☒ All   b)☐ Some *   c)☐ None of:

      1.☐ Certified copies of the priority documents have been received.

      2.☐ Certified copies of the priority documents have been received in Application No. _____.

      3.☒ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)

2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) ☒ Information Disclosure Statement(s) (PTO/SB/08)
    Paper No(s)/Mail Date *1/19/2005*.

4) ☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____.

5) ☐ Notice of Informal Patent Application

6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1.   The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that

form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2.   Claims 1-15 are rejected under 35 U.S.C. 102(b) as being anticipated by Kikuchi

Yukiko (hereinafter "Yukiko '516" JP 06-266516).

As pertaining to **Claim 1**, Yukiko '516 teaches a network printing system with a

plurality of printing devices connected to a network **(i.e., Para 0005, computer**

comprising a plurality of printing devices connected to a network), the system

comprising: a plurality of printing devices **(i.e., Para 0005, plurality of printing**

devices in a system); and a network device **(i.e., Para 0005 , Computer)** for

converting print-request data sent from a print requester into a format for a specified

printing device to create print data **(i.e., Para 0005, computer uses conversion**

means for formatting print file data for a specified printing device) and transmitting

the print data to the specified printing device via the network **(i.e., Para 0005, print**

data converted by conversion means is transmitted to a specified printing device

), wherein the network device comprises: a device information storage section **(i.e.,**

Para 0008, attribute value storage part) for storing device information **(i.e., Para**

0008, attribute value storage part memorizes attribute value data) representing

print specifications for the plurality of printing devices **(i.e., Para 0008 , attribute value**

data represents profiles such as printer name and page description language format); a document definition file storage section (i.e., **Para 0008, attribute data storage part**) for storing a document definition file representing a definition of a document (i.e., **Para 0008, attribute data storage part for storing a document definition files such as vertical writing, paper size and lateral writing of a document file**); and a format converting section (i.e., **Para 0008, conversion treating part**) for converting the print-request data into the print format for the printing device (i.e., **Para 0008, print file is converted by the conversion treating part into a page description language of the printing device**) based on the document definition file specified in the print-request data and the device information of the printing device (i.e., **Para 0009 , the conversion by the conversion treating part is based on the document definition file [printer profile] where he device information of the printing device is and the print request data**).

As pertaining to **Claim 2**, Yukiko '516 teaches a network printing system wherein the network device (i.e., **Para 0007, server**) acquires the device information of the printing devices via the network (i.e., **Para 0008, server acquires the device information of printer devices which are described by the profiles**) and stores the device information in the device information storage section (i.e., **Para 0008, attribute value storage part stores device information**).

As pertaining to **Claim 3**, Yukiko '516 teaches a network printing system further comprising a client device (i.e., **Para 0007, Client Computer**) that registers the document definition file in the network device via the network (i.e., **Para 0007, the**

client computer registers the document definition file in the network device

[server]) and transmits the print-request data to the network device via the network

(i.e., Para 0008,the client computer transmits the print request data to the server

via the network).

As pertaining to **Claim 4**, Yukiko '516 teaches a network printing system, wherein

the format converting section calculates a printable area of the printing device based on

the device information (i.e., Para 0008, format conversion section calculates the

printable area based on the device information [profile]), and calculates a print

position of each item defined in the document definition file with reference to the

printable area (i.e., Para 0009-0008 , actual calculating of a print position for each

item is indicated in the "actual print-out" section of the document definition file

[profile] which has reference to the printable area).

As pertaining to **Claim 5**, Yukiko '516 teaches The network printing system,

wherein the network device determines whether the specified printing device is

available for printing (i.e., Para 0018 , the server comprising a file transfer

processing part obtains a parameter which could determine the availability of a

printer device), and if the specified printing device is not available for printing then

uses device information of an alternative printing device to create the print data and

transmits the print data to the alternative printing device (i.e., Para 0018, the parameter

may determine the availability of a printer device and if printer device is not

available an alternative printer indicated by the language format file is selected to

output the converted print data).

As pertaining to **Claim 6** , Yukiko '516 teaches a network printing device for conducting printing with a specified printing device among a plurality of printing devices connected to a network **(i.e., Para 0005, computer comprising a plurality of printing devices connected to a network)**, the network printing device comprising: a device information storage section **(i.e., Para 0008, attribute value storage part)** for storing device information **(i.e., Para 0008, attribute value storage part memorizes attribute value data)** representing print specifications for the plurality of printing devices **(i.e., Para 0008 , attribute value data represents profiles such as printer name and page description language format)**; a document definition file storage section **(i.e., Para 0008, attribute data storage part)** for storing a document definition file representing a definition of a document **(i.e., Para 0008, attribute data storage part for storing a document definition files such as vertical writing, paper size and lateral writing of a document file)**; and a format converting section **(i.e., Para 0008, conversion treating part)** for converting **(i.e., Para 0008, print file is converted by the conversion treating part into a page description language of the printing device)** , based on the document definition file specified in print-request data sent from a print requester and the device information of the printing device, the print-request data into a print format for the printing device **(i.e., Para 0009 , the conversion by the conversion treating part is based on the document definition file [printer profile] where he device information of the printing device is and the print request data from a print requester)**.

As pertaining to **claim 7**, Yukiko '516 teaches a network printing device wherein the network printing device **(i.e., Para 0007, server) acquires** the device information of the printing devices via the network **(i.e., Para 0008, server acquires the device information of printer devices which are described by the profiles)** and stores the device information in the device information storage section **(i.e., Para 0008, attribute value storage part stores device information)..**

As pertaining to **Claim 8**, Yukiko '516 teaches a network printing device wherein the network printing device is connected to a client device **(i.e., Para 0007, Client Computer)** that registers the document definition file via the network **(i.e., Para 0007, the client computer registers the document definition file in the network device [server])** and transmits the print-request data via the network **(i.e., Para 0008, the client computer transmits the print request data to the server via the network).**

As pertaining to **Claim 9**, Yukiko '516 teaches a network printing device wherein the format converting section calculates a printable area of the printing device based on the device information **(i.e., Para 0008, format conversion section calculates the printable area based on the device information [profile])**, and calculates a print position of each item defined in the document definition file with reference to the printable area **(i.e., Para 0009-0008 , actual calculating of a print position for each item is indicated in the "actual print-out" section of the document definition file [profile] which has reference to the printable area).**

As pertaining to **Claim 10**, Yukiko '516 teaches a network printing device wherein the network printing device determines whether the specified printing device is available

for printing **(i.e., Para 0018 , the server comprising a file transfer processing part**

obtains a parameter which could determine the availability of a printer device),

and if the specified printing device is not available for printing, then uses device

information of an alternative printing device to create the print data and transmits the

print data to the alternative printing device **(i.e., Para 0018, the parameter may**

determine the availability of a printer device and if printer device is not available

an alternative printer indicated by the language formal file is selected to output

the converted print data).

As pertaining to **Claim 11,** Yukiko '516 teaches a network printing method **(i.e.,**

Para 0004, Networking printing method) for conducting printing with a specified

printing device among a plurality of printing devices connected to a network **(i.e., Para**

0005, computer comprising a plurality of printing devices connected to a network

where a specified printer device may be selected), the method comprising: creating

print data by converting print-request data sent from a print requester via the network

into a format for the specified printing device **(i.e., Para 0005, computer uses**

conversion means for formatting print file data for a specified printing device);

and transmitting the print data to the specified printing device via the network **(i.e., Para**

0005, print data converted by conversion means is transmitted to a specified

printing device) wherein the creating of the print data comprises: retrieving device

information **(i.e., Para 0008, server retrieves device information)** of the printing

device specified in the print--request data from a device information storage section

(i.e., Para 0008, attribute value storage part stores attribute data of the printing

device specified in the print request data)for storing device information representing

print specifications for the plurality of printing devices **(i.e., Para 0008 , attribute value**

data represents profiles such as printer name and page description language

format) retrieving a document definition file **(i.e., Para 0008 , server document**

definition file) specified in the print--request data from a document definition file

storage section **(i.e., Para 0008, a document definition file specifies print request**

data from an attribute data storage part) for storing a document definition file

representing a definition of a document **(i.e., Para 0008, attribute data storage part**

for storing a document definition files such as vertical writing, paper size and

lateral writing of a document file; and converting the print-request data into the print

format for the printing device based on the retrieved document definition file and the

retrieved device information of the printing device **(i.e., Para 0008, print file is**

converted by the conversion treating part into a page description language of the

printing device based on the received device information and document definition

file [attribute data]).

As pertaining to **Claim 12,** Yukiko '516 teaches a network printing method further

comprising: acquiring the device information of the printing devices via the network **(i.e.,**

Para 0008, server acquires the device information of printer devices which are

described by the profiles) and storing the device information in the device information

storage section **(i.e., Para 0008, attribute value storage part stores device**

information)..

As pertaining to **Claim 13,** Yukiko '516 teaches a network printing method, further comprising: registering the document definition file in the network device from a client device via the network **(i.e., Para 0007, the client computer registers the document definition file in the network device [server])**; and transmitting the print-request data from the client device via the network **(i.e., Para 0008, the client computer transmits the print request data to the server via the network)..**

As pertaining to **Claim 14,** Yukiko '516 teaches a network printing method, wherein format conversion comprises: calculating a printable area of the printing device based on the device information **(i.e., Para 0008, format conversion section calculates the printable area based on the device information [profile])**; and calculating a print position of each item defined in the document definition file with reference to the printable area **(i.e., Para 0009-0008 , actual calculating of a print position for each item is indicated in the "actual print-out" section of the document definition file [profile] which has reference to the printable area).**.

As pertaining to **Claim 15,** Yukiko '516 teaches a network printing method, further comprising: determining whether the specified printing device is available for printing **(i.e., Para 0018 , the server comprising a file transfer processing part obtains a parameter which could determine the availability of a printer device)**; and if the specified printing device is not available for printing, creating the print data using device information of an alternative printing device and transmitting the print data to the alternative printing device **(i.e., Para 0018, the parameter may determine the availability of a printer device and if printer device is not available an alternative**

printer determined by the language format file is selected to output the converted print data).

Conclusion

3.   The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. US 5,859,956, US 7,145,679 and US 6,633,400 all pertain to a printing system for transmitting print data to a specified printing device in a network.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Dennis Dicker whose telephone number is (571) 270-3140. The examiner can normally be reached on Monday -Friday 7:30 A.M. to 5:00 P.M..

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Twyler Lamb can be reached on (571) 272-7406. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a
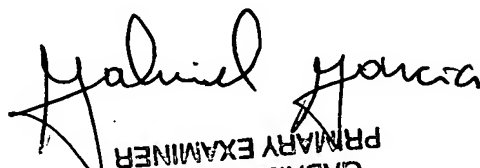
USPTO Customer Service Representative or access to the automated information

system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

2/25/2008

PRIMARY EXAMINER
GABRIEL GARCIA